

## WEST Search History

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DATE: Saturday, April 10, 2004

<u>Hide?</u>	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L52	(CA-2342007-A1)![did]	0
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L51	L9 and ((fraction\$5 or portion or part\$5 or amount or "how much") with (oil or water or hydrogeneous or connate or fluid\$5))	7
<input type="checkbox"/>	L50	L49 and (emuls\$9 or mixture or fluid)	5
<input type="checkbox"/>	L49	L48 and ((weight or weigh\$4 or heavy) with (spectr\$4 or amplitude or value or index\$3 or amount))	5
<input type="checkbox"/>	L48	L46 and ((transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8) with (cutoff or cut-off or "cut off" or threshold\$4))	8
<input type="checkbox"/>	L47	L46 and (emuls\$9)	7
<input type="checkbox"/>	L46	L45 and (relaxometer or relaxometry)	25
<input type="checkbox"/>	L45	L44 and (weight or weigh\$4)	3402
<input type="checkbox"/>	L44	L43 and (low\$4 or high\$3 or standard)	4026
<input type="checkbox"/>	L43	L42 and (spectr\$4 or amplitude or value or index\$3 or amount)	4033
<input type="checkbox"/>	L42	L41 and (transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8)	4068
<input type="checkbox"/>	L41	L40 and (cutoff or cut-off or "cut off" or threshold\$4)	11332
<input type="checkbox"/>	L40	L39 and (oil or water or hydrogeneous or connate or fluid\$5 or emulsion)	120577
<input type="checkbox"/>	L39	L1 and (fraction\$4 or portion\$3 or part or partial\$2)	138356
<input type="checkbox"/>	L38	L1 and (fraction\$4 or portion\$3 or part\$5)	137507
		<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L37	6242912	14
<input type="checkbox"/>	L36	L35 and (weight\$4 or wait\$4)	2
<input type="checkbox"/>	L35	L34 and (spectr\$4 or amplitude or value or index\$3)	2
<input type="checkbox"/>	L34	L33 and (water with oil)	2
<input type="checkbox"/>	L33	L31 and (heavy or crude or hydrocarbon)	2
<input type="checkbox"/>	L32	('6005389') [ABPN1,NRPN,PN,TBAN,WKU]	2
<input type="checkbox"/>	L31	L30 and (cpmg or (spin adj echo) or spin-echo\$2 or spinecho\$2)	2
<input type="checkbox"/>	L30	L29 and (transverse or "spin-spin" or "spin spin" or "t2" or "t.sub.2" or relax\$8)	2
<input type="checkbox"/>	L29	L28 and (cutoff or cut-off or "cut off" or threshold\$4)	2
<input type="checkbox"/>	L28	L27 and (oil)	5

<input type="checkbox"/>	L27	L26 and (water)	5
<input type="checkbox"/>	L26	L24 and (bitumen)	6
<input type="checkbox"/>	L25	L24 and (bitrium)	0
<input type="checkbox"/>	L24	((324/303)!.CCLS.)	443
<input type="checkbox"/>	L23	L21 and (temperature or heat\$4)	7
<input type="checkbox"/>	L22	L21 and (relaxometer or relaxometry)	3
<input type="checkbox"/>	L21	L20 and (water with oil)	8
<input type="checkbox"/>	L20	L19 and (water)	11
<input type="checkbox"/>	L19	L16 and (oil)	15
<input type="checkbox"/>	L18	L17 and (heavy with (oil or water or fluid))	2
<input type="checkbox"/>	L17	L16 and (emuls\$9)	8
<input type="checkbox"/>	L16	L15 and (oil or water or hydrogeneous or connate or fluid\$5)	76
<input type="checkbox"/>	L15	L14 and (low\$4 or high\$4 or standard or averag\$4)	77
<input type="checkbox"/>	L14	L13 and (spectr\$6 or amplitude or value or index\$3)	77
<input type="checkbox"/>	L13	L12 and (cutoff or cut-off or "cut off" or threshold\$4)	77
<input type="checkbox"/>	L12	L11 and (weight\$4 or heavy)	216
<input type="checkbox"/>	L11	L10 and (transverse or "spin-spin" or "spin spin" or "t2" or "t.sub.2" or relax\$8)	413
<input type="checkbox"/>	L10	L1 and ((low with field) with ((magnetic adj resonance) or MRI or NMR))	893
<input type="checkbox"/>	L9	L8 and (low\$4 or high or standard)	7
<input type="checkbox"/>	L8	L7 and (spectr\$4 or amplitude or value or index\$3)	7
<input type="checkbox"/>	L7	L6 and (emuls\$9)	7
<input type="checkbox"/>	L6	L5 and (transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8)	29
<input type="checkbox"/>	L5	L4 and (weight\$4 or heavy)	29
<input type="checkbox"/>	L4	L3 and (cutoff or cut-off or "cut off" or threshold\$4)	33
<input type="checkbox"/>	L3	L2 and (oil or water or hydrogeneous or connate or fluid\$5)	88
<input type="checkbox"/>	L2	L1 and (relaxometer or relaxometry)	110
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	170227

END OF SEARCH HISTORY

## Hit List

Your wildcard search against 10000 terms has yielded the results below.

*Your result set for the last L# is incomplete.*

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

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### Search Results - Record(s) 1 through 7 of 7 returned.

1. Document ID: US 20030215392 A1

Using default format because multiple data bases are involved.

L51: Entry 1 of 7

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215392

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215392 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory M.	St. Louis	MO	US	
Wickline, Samuel A.	St. Louis	MO	US	

US-CL-CURRENT: 424/9.32; 424/9.322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [De](#)

2. Document ID: US 20030185760 A1

L51: Entry 2 of 7

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185760

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030185760 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory	St. Louis	MO	US	

Wickline, Samuel A. St. Louis MO US

US-CL-CURRENT: 424/9.321

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn](#)

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3. Document ID: US 20030092029 A1

L51: Entry 3 of 7

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092029

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092029 A1

TITLE: Magnetic-nanoparticle conjugates and methods of use

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Josephson, Lee	Arlington	VA	US	
Weissleder, Ralph	Charlestown	MA	US	
Perez, J. Manuel	Boston	MA	US	

US-CL-CURRENT: 435/6; 435/7.5, 436/526

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn](#)

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4. Document ID: US 2003009297 A1

L51: Entry 4 of 7

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 2003009297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 2003009297 A1

TITLE: Determination of oil and water compositions of oil/water emulsions using low field NMR Relaxometry

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miotchnik, Konstantin	Calgary		CA	
Allsopp, Kevin	Calgary		CA	
Kantzias, Apostolos	Calgary		CA	
Marentette, Daniel	Calgary		CA	

US-CL-CURRENT: 702/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Dra
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5. Document ID: US 5260050 A

L51: Entry 5 of 7

File: USPT

Nov 9, 1993

US-PAT-NO: 5260050

DOCUMENT-IDENTIFIER: US 5260050 A

TITLE: Methods and compositions for magnetic resonance imaging comprising superparamagnetic ferromagnetically coupled chromium complexes

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.351; 424/617, 424/9.35, 436/173, 436/806, 536/102, 536/112, 536/122, 556/61, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Dra
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6. Document ID: US 5213788 A

L51: Entry 6 of 7

File: USPT

May 25, 1993

US-PAT-NO: 5213788

DOCUMENT-IDENTIFIER: US 5213788 A

\*\* See image for Certificate of Correction \*\*

TITLE: Physically and chemically stabilized polyatomic clusters for magnetic resonance image and spectral enhancement

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.322; 424/617, 424/9.35, 436/173, 436/806, 514/56, 514/836, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Dra
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7. Document ID: CA 2342007 A1, US 20030009297 A1

L51: Entry 7 of 7

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-329971

DERWENT-WEEK: 200331  
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TITLE: Oil content determination apparatus has low field nuclear magnetic resonance relaxometer having magnet, mechanism for determining total amplitude of spectrum, and mechanism for converting amplitude value to weight value

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Document](#) | [Claims](#) | [KIN/C](#) | [Drawn Ds](#)

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Term	Documents
PORTION	5252518
PORTIONS	2803997
AMOUNT	3502573
AMT	331278
AMTS	63030
AMOUNTS	1051191
"HOW MUCH"	0
OIL	1704344
OILS	323625
WATER	3670009
(L9 AND ((FRACTION\$5 OR PORTION OR PART\$5 OR AMOUNT OR "HOW MUCH") WITH (OIL OR WATER OR HYDROGENEOUS OR CONNATE OR FLUID\$5))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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